

**ABSTRACT**

The present invention provides *PeMADS2*, *PeMADS3*, *PeMADS4* and *PeMADS5* for controlling floral development in orchid. The present invention also provides a protein, a vector, a cell, a protocorn, and a kit for  
5 controlling the floral development in orchid. A method for producing transgenic orchid and a transgenic orchid are provided.